

## ABSTRACT

[Problems] Miniaturization and weight-saving of a fuel cell including a plurality of unit cells are intended together with  
5 higher integration of the unit cells.

[Means for Solving Problems] A pair of electrode sheet 100a, 100b, each having a plurality of fuel electrodes 110a, 110b or a plurality of oxidant electrodes 112a, 112b supported by a resin section 102, are disposed on a single plane on the respective  
10 surfaces of a solid electrolyte membrane 105 to configure a plurality of unit cells. The fuel electrode and the oxidant electrode of the adjacent two unit cells existing on the respective surfaces of the solid electrolyte membrane are connected in series by using an electroconductive member penetrating the solid  
15 electrolyte membrane. Since the electroconductive member 108 extends along the stacking direction of the cell, no excess space is required to achieve the miniaturization of the fuel cell.